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United States Patent [19]

Heckel

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[54] INTERFACE AND APPLICATION
DEVELOPMENT MANAGEMENT SYSTEM
BASED ON A GENE METAPHOR

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Related U.S. Application Data

[63] Continuation of Ser. No. 461,016, Jan. 4, 1990, abandoned.

[51] Int. Cl.⁵ G06F 3/14

[52] U.S. Cl. 395/155; 395/159

[58] Field of Search 395/155-161;
340/721, 747

[56] References Cited

U.S. PATENT DOCUMENTS

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[57] ABSTRACT

A system for compiling and managing screen images on a stack or data base with attached fields, and application program objects. The system lets users compile programs from screen images and their attached objects, which if executed after the screen image and object parameters have been changed, will translate the same screen image with the same objects attached in the same places. This allows maintaining multiple formats each with different application for the same stack. The system can be used to (a) edit screen formats in the program's script language, (b) manage alternative user interfaces for a data base or stack, (c) provide multiple formats and application interfaces for the same data base, (d) have multiple user interfaces for the same data base depending on users sophistication, (e) solve the system update installation problem, and (f) allow copying user interface including functional capability from one stack and installing it in another.

20 Claims, 17 Drawing Sheets

50v	52v	54v
NAME	COMPANY	PHONE
Mr. Tom Polhaus	Police Dept	555-0033
56v	TITLE: Detective Sargent	
58v	ADDRESS1: Hall of Justice	
60v	ADDRESS2: San Francisco, CA 95086	
64v	DEARNAME: Dear Tom	
NOTES		
Tom Polhaus is a detective in the Maltese Falcon. The movie starred Humphery Bogart and Mary Aster was directed by John Huston.		
66v	70v	74v